

AVAKYAN, N.M.

USSR/Morphology of Man and Animals - (Normal and Pathologic).  
The Nervous System.

S-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12378

Author : Avakyan, N.M., Beglaryan, A.G.

Inst :

Title : Histologic Morphology of the Central Nervous System of  
Young Children after Sudden Death from Acute Inflammatory  
Processes in Respiratory Organs.

Orig Pub : Sb. tr. Byuro gl. sudebno - med. ekspertizy i Kafedry  
sudebn. med. Yerevansk. med. in-ta, 1956, vyp. 1, 101-104

Abstract : In 10 cases of sudden death there were pronounced hemodynamic changes in all parts of the CNS: plethora, stasis with perivascular edema, extravasations, infrequent hemorrhages, and a significant widening of perivascular spaces. Changes in ganglion cells were weakly expressed and were observed only in scattered cells. In 25 cases of death after brief illness there were more pronounced hemodynamic changes in

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USSR/Morphology of Man and Animals - (Normal and Pathologic).  
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Abs Jour : Ref Zhur - Biol., No 3, 1958, 12378

cells. In 7 cases serous meningoencephalitis was revealed, which was considered to be a complication of the pulmonary process. Nerve cell changes resulting from hypoxia and toxicosis cause hemodynamic and a series of autonomic disorders; the latter aggravate the pulmonary process, which, in turn, increases hypoxia and leads to depression of the body's reactivity.

Card 3/3

AVAKYAN, N. G.

Dissertation: "Physicochemical Investigations of the Outcropped Earth in the Sevan Lake Basin." Cand Agr Sci, Laboratory of Agrochemistry, Acad Sci Armenian SSR, Yerevan, 1953. (Referativnyy Zhurnal--Khimiya, Moscow, No 10, May 54)

SO: SUM 318, 23 Dec 1954



AVAKYAN, N. O.

4621. Pochvennyye rastvory. Yerevan, Izd-vo an arm. SSR, 1954 35 s. s Chert  
20 sm. (Akad nauk arm. SSR. nauch.-popul. Serriya--11). 2.000 Ekz 35 K.--Na  
Arm. Yaz.-(54-57819)

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

AVAKYAN, NO.			
		<p>Experimental application of glass sodium electrodes for determination of concentration of sodium ions in soil solutions. N. O. Avakyan. Izvest. Akad. Nauk Arzmen. S.S.R. 1954, No. 7, p. 71 (in Russian; in Armenian) (1954).—Specially prep'd. glass electrodes with Na function (Saul's) (investigation of sodium function of glass electrodes. Leningrad State Univ., 1951) were employed for the detn. of Na in soil exts. Excellent results were obtained when the soln. contained more than millimolar amts. of Na; in more dil. solns. the results are high. In acid solns. the Na function of the electrode is lost. Thus, the solns. with pH under 7, the soln. must be treated with NH<sub>3</sub>OH to bring its pH to neutrality or above before the detn. <i>N.M.</i> G. M. Kosolapoff</p>	
		<i>Lab. Agrokhimii G.N. Arm. SSB</i>	

AVAKYAN, N.						
<p>Comparative study of the composition of soil solutions and extracts taken from the bank surfaces of Lake Sevan. N. O. AVAKYAN, I. V. S. S. P. 60-7, 1954. (in Armenian) (1954).—Comparison of soil surfaces taken from areas which are poor in organic matter and from agriculturally rich areas. G. M. Kosolapoff</p> <p>5955</p>						

		<p><i>Ayakyan, N. O.</i></p> <p>The nature of strong acidity of some horizons of formerly bog soil on the shore of Lake Sevan; N. O. Ayakyan, 62 Doklady Akad. Nauk Armyan. S.S.R. 21, 21-36 (Russian; Armenian summary, 25-6) (1955); cf. C.A., 48, 140096. Exam., of pH and the redox (iron-reduction potential of the soil shows a decline of pH paralleled by increase of <math>E_{H^+}</math>, analogous to that found for Fe hydroxides. The soil acidity is thus assoccd. with transformations of Fe compds.</p> <p>G. M. Korolapov</p>		

AVAKYAN, V.O.

4251. The use of silver chloride electrode for the iron determination in chloride ion concentration in soil solutions. N. O. Avakyan. Doklady Akad. Nauk SSSR, 1955, 111 (4), 157-159; Izv. Akad. Nauk, 1955, Abstr. No. 68, 43.—The silver chloride electrode in conjunction with the C.E. is used as an indicating electrode for the determination of the chloride ion exponent ( $pCl$ ) and the calculation of the concn. of  $Cl^-$  in soil soln. The results obtained are compared with data from the potential titration with  $Ag_2O$ , after titration with acetone ( $R_f$ ). Zvez. Khim., 1955, 30, 441. The divergence of the results is  $\pm 15\%$ . The superior features of the silver chloride electrode as compared with the glass electrode with a sodium junction are that the sensitivity does not depend on the diameter nor on the length of the electrode and that its response to  $Cl^-$  the point established. C.D. Torkus

300. CLASSIFICATION OF WOOD WASTES. V.A. Gorbunov, I.M. Lyamkin, N.N. Avakyan, N.D. and M.G. Tikhonova. Prom. (Hydrolysis of wood). Prom. (Hydrolysis of wood). 1956, vol. 50, no. 10; abstr. in Chem. Abstr., 1956, vol. 50, no. 1647. In determining the amount and composition of products obtained in thermal decomposition of wood surface, chips from stem 1) and from branches and other waste parts (II) were treated in a gas generator and a dry distillation unit. From oleoresin produced in gasification of dry stem chips were recovered 7.2% of volatile acids (III), and 6-8 times as much of soluble resin as in conventional dry distillation but oleoresin from II had much less III than that from I. Resin obtained in gasification of II was subjected to distillation in vacuo, and gave wood tar (7.8 phenols 2.80, and neutral substance) 1.59% (calculated on the basis of dry wood). Storing of resin for 60 days did not have a significant effect on its composition.	3

USSR/Soil Science - Physical and Chemical Properties of Soils\*

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67904

Author : Avakyan, N.O.

Inst : Academy of Sciences ArmSSR

Title : Determining the Salinity of Soils by Measuring Their Ability to Conduct Electricity.

Orig Pub : Izv. AN ArmSSR, Biol. i s.-kh. n., 1957, 10, No 9, 55-58

Abstract : If the relations between separate component elements in a combination of electrolytes is known and does not vary, then by measuring the capacity of a soil solution to conduct electricity it is possible to arrive at a summary, and extremely accurate, conception of the amount of salts in the soil. The investigations were conducted using soil solutions taken from the soil-foundations of the Seven Lake basin, squeezed out in P.A. Kryukov's

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APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000102520010-0"

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Abs Jour : Ref Zhur - Biol., No 15, 1958, 67904

instrument. To find out the quantity of ions present in the solution, going on the basis of the significance of the specific ability to conduct electricity, it is suggested that average arithmetical conversion coefficients acquired experimentally for each soil type be used. Satisfactory results were attained. The ability to conduct electricity was measured on a device with a lamp generator of sound frequency and with a booster and a cathode oscillograph. -- N.A. Komarova.

Card 2/2

AVAKYAN, N.O.

Comparing various methods used in determining the resources  
of available nitrogen compounds in soils of the mountainous  
districts of Armenia. Izv.AN Arm.SSR,Biol.nauki 15 no.11:19-26  
II '62. (MIRA 15:12)

1. Institut pochvovedeniya i agrokhimii Ministerstva proizvodstva  
i zagotovok sel'skokhozyaystvennykh produktov Armyanskoy SSR.  
(ARMENIA—SOILS—NITROGEN CONTENT)

AVAKYAN, N.O.

Determining the amount of readily available phosphorus compounds  
for the soils of mountain regions of Armenia. Pochvovedenie no.11;  
100-109 N '62. (MIRA 16:1)

1. Nauchno-Issledovatel'skiy institut pochvovedeniya i agrokhimii,  
Yerevan.

(Armenia--Soils--Phosphorus content)

AVAKYAN, N.O., kand. sel'skokhoz. nauk

Making and using agrochemical maps. Zemledelie 25 no.11:64-  
69 N '63. (MIRA 17:2)

1. Armyanskij nauchno-issledovatel'skiy institut pochvo-  
vedeniya i agrokhimii.

RAUDVYALI, E.I. [Raudvali, E.I.], kand. sel'skokhoz. nauk; AVAKYAN, N.O., kand. sel'skokhoz. nauk; SUGROBOV, M.M.

Estonian Republican Agrochemical Laboratory. Zemledelie 27  
no.11:60 N '65.

(MIRA 18:10)

1. Estonskiy nauchno-issledovatel'skiy institut zemledeliya i melioratsii (for Raudvali). 2. Nauchno-issledovatel'skiy institut pochvovedeniya i agrokhimii (for Avakyan). 3. Zavedushchiy Rostovskoy zonal'noy agrokhimicheskoy laboratoriyyey (for Sugrobov).

AVAKYAN, P. R.

Motion pictures of shuttle movement. Tekst. prom., 12, no. 8, 1952.

SO: MLRA, November 1952

EXCERPTA MEDICA Sec 11 Vol.11/6 O.R.I. June '58  
AVAKYAN, P.V.

1074. THE USE OF CONDITIONED BLINKING REFLEXES FOR THE INVESTIGATION OF THE ACTIVITY OF THE AUDITORY ANALYSOR IN MAN - (Russian text) - Avakyan P. V. TRUD. INST. FIZIOL. IM. PAVLOVA, 1956, 5 (317-327)

The establishment of conditioned blinking reflexes was achieved by means of the synchronization of sound signals with a stream of air on to the cornea. The blinking reflexes were recorded by a photoelectric counter. Twelve people with normal hearing and 1 patient with chronic otitis were investigated. The results of the first series of experiments showed that, with an increase in the strength of the unconditioned stimulant, the latent periods of the unconditioned blinking reflexes are shortened and their amplitude is increased. In the second series of experiments the dynamic establishment of the conditioned blinking reflexes in response to stimulation by sound of minimal intensity was investigated. It was found that after the use of 70 combined stimulations a period of formation of stable conditioned blinking reflexes occurs. In this, in comparison with the original period of establishment noticed after 4-7 stimulations and characterized by instability, the latent periods diminished markedly and the amplitude of reaction increased 3-4 times. At the end of the 3rd series of experiments the measurements of the sensitivity of the 'auditory analysor' obtained by means of conditioned blinking reflexes and by other means were found to correspond. The fourth series of experiments showed the great significance of the second signalling system for the accomplishment of conditioned blinking reflexes. The author demonstrated that the limits of differentiation of sounds by their frequency, as determined by blinking reflexes, are in close agreement with the limits of differentiation as determined by ordinary means. Conditioned blinking reflexes can be used for investigation of the 'auditory analysor' of man, especially in children and in pathological cases associated with disturbances of speech.

(S)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0

AVAKYAN, R.O.; BAYATIAN, G.L.; VISHNEVSKIY, M.Ye.; PUSHKIN, Ye.V.

Measurement of longitudinal electron polarization in the  $\beta^-$ -decay  
of Au-198. Zhur.eksp.i teor.fiz. 41 no.3:681-683 S '61.  
(MIRA 14:10)

(Electrons--Scattering) (Gold--Decay)

by BAYATIAN, G.L. et al. Soviet Physics, JETP, v. 16, No. 5  
1963

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0"

L 14494-65	E T(n)	DIAAP/SSD/AFNL/ASD(a)-5/ESD(1)			
ACCESSION NR:	1P1048637				S/0048/64/018/010/1664/1666
AUTHOR: <u>Avakyan, R.O.; Arutyunyan, L.G.; Nersesyan, M.V.</u>					
TITLE: Measurement of the longitudinal polarization of electrons in the beta-decay of $S^{35}$ /report, Fourteenth Annual Conference on Nuclear Spectroscopy held in Tbilisi 14-22 Feb 1964/					
SOURCE: AN SSSR. Izv. Seriya fizicheskaya, v.28, no.10, 1964, 1664-1666					
TOPIC TAGS: beta particle, beta spectrum, electron polarization, sulfur					
ABSTRACT: The longitudinal polarization of the electrons emitted in $\beta$ -decay of $S^{35}$ was measured at energies of 40, 70 and 100 keV. The measurements were undertaken to test a suggested correlation between the deviations of the longitudinal polarization of allowed $\beta$ -particles from the usual value $v/c$ ( $v$ is the velocity of the electron) and deviations of the $\beta$ -spectrum from the Fermi shape. $S^{35}$ was chosen for investigation because its $\beta$ -spectrum is well known to follow the Fermi law to the very lowest energies. The polarization was measured by Mott scattering after the longitudinal polarization had been transformed to transverse by electrostatic deflection. A diagram of the apparatus is shown in the Enclosure. The resolution of the					
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ACCESSION NR	AP4048637						3
<p>electrostatic <math>\beta</math>-spectrometer was 1%. The S<sup>35</sup> source consisted of aluminum sulfate on a 4 micro aluminum support. Gold was employed as the scatterer. A 30 kV retarding potential was applied between the source and the spectrometer during the 100 keV measurements, but no accelerating potential was applied during the 40 keV measurements. The scattering was measured at angles from 107° to 137° and was extrapolated to zero scatterer thickness with corrections for instrumental asymmetry and scattering from the deflector plates. Corrections were applied for the finite solid angle, screening, and depolarization in the source. The ratio of the longitudinal polarization to v/c was found to be <math>1.04 \pm 0.10</math>, <math>0.96 \pm 0.04</math> and <math>0.93 \pm 0.04</math> at 40, 70 and 100 kV, respectively. "The authors thank J.A. Alikhanyan and V.A. Lyubimov for discussing the results and L.I. Moskvin for preparing the S<sup>35</sup> source." Orig. art. has: 3 formulas, 1 figure and 1 table.</p>							
ASSOCIATION	none						
SUBMITTED:	(X)						
SUB CGDE:	NP						
				NR REF Sov: 006			
					ENCL: 01		
					OTHER: 003		
2/3							

L 14494-6  
ACCESSION NR: AP4048637

ENCLOSURE: 01

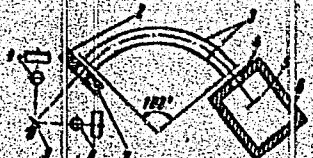


Diagram of the setup: 1 & 8 - Geiger-Muller telescopes,  
2 & 6 - plastic shielding, 3 - spectrometer deflecting  
plates, 4 & 7 - collimators, 5 - source, 6 - scatterer.

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AVAKYAN, R. V.

112-1-2267

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,  
Nr 1, p.334 (USSR)

AUTHOR:

Avakyan, R.V.

TITLE:

Measuring Threshold Sound Intensities and Differential Frequency Thresholds With the Help of Conditional Human Blinking Reflexes (Ob izmerenii porogovykh intensivnostey zvukov i differentsiyal'nykh porogov po chastote s pomoshch'yu uslovnykh migatel'nykh refleksov u cheloveka)

PERIODICAL: Probl. fiziol. akustiki, 3. Moscow, Leningrad. Izd-vo AN SSSR, 1955, pp. 53-59.

ABSTRACT:

Elaboration of conditional blinking reflexes is made by a combination of sound signals (pure tones) with the blow of the air stream into the eye cornea. A blind on a lever fastened to the eyelid, moving during the blinking, changes the illumination of the photocell, and the oscillations of its potential are transmitted through an amplifier on an ink [recording] oscillograph. The method

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AVAKYAN, R.V.

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USSR/Human and Animal Physiology - Nervous System.

Referat Zhur - Biologiya, No 16, 1957, 71156

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71156

Author : Avakyan, R.V.

Title : The Use of Conditioned Blinking Reflexes for the Investigation of Action of the Human Sound Analysor.

Orig Pub : Tr. In-ta fiziol. AN SSSR, 1956, 5, 317-327

Abstract : The impact force of an air jet into the eye was regulated by means of changing the depth of pressure of an electromagnetic core into a wall of a rubber balloon. The blinking reactions were registered with the aid of a photoelectric apparatus on an oscilloscope; the frequency of the movement of eyelids was estimated in the course of 1 min. Twelve people with normal hearing were examined. The least intensity of sounds of different frequencies producing blinking reactions, and also the limits of differentiation of the smallest frequency changes, coincided with the thresholds of the patients' records. The stage

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Abs Jour

USSR/Human and Animal Physiology - Nervous System.

Referat Zhur - Biologiya, No 16, 1957, 71156

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of generalisation of the conditioned blinking reactions is of relatively short duration. This method is recommended for analysis in very young children and also in pathological disturbances of verbalization.

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- 101 -

USSR / Human and Animal Physiology. Nervous System, Higher Nervous Activity, Behavior.

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70553

Author : Avakyan, R. V.  
Inst : Instituto of Physiology of the Academy of Sciences USSR  
Title : The Use of Conditioned Wink Reflexes for Measurement of the Limits of Discrimination of the Frequency of Auditory Signals

Orig Pub : Tr. In-ta fiziolog. AN SSSR, 1957, Vol 6, 133-141

Abstract : Upon elaboration of a conditioned winking reflex (CWR) to a tone of 1000 cycles/sec, the differential threshold for frequency lay within the limits of 10-20 cycles/sec. Instructions requiring evaluation of the character of the stimulus, or that an incorrect evaluation of it be given, did not change the thresholds obtained nor the rate of elaboration of differentiation. For quick elaboration of

Card 1/2

AVAKYAN, R.V.; GERSHUNI, G.V.; RATENBERG, N.A.

Studies of the auditory analyzer in signs of hysterical deafness  
[with summary in English]. Zhur.vyn.nerv.déiat. 7 no.3:325-334  
Mys-Je '57. (MIRA 10:10)

1. Laboratoriya fisiologii slukhovogo analizatora Instituta fisiologii im. I.P.Pavlova AN SSSR i Leningradskiy nauchno-issledovatel'skiy institut po bolesnym ukh, gòrla, nosa i rechi.  
(Hearing tests,  
in hysterical deafness, conditioned reflex method (Rus))  
(REFLEX, CONDITIONED,  
in hearing tests in hysterical deafness (Rus))

AVAKYAN, R.V.

Utilizing conditioned blinking reflexes to measure the limits of differentiating sound signals by frequency. Trudy Inst. fiziol.  
6:133-141 '57. (MIRA 11:4)

1. Laboratoriya fiziologii slukhovogo analizatora (zaveduyushchiy  
G.V. Gershuni).  
(REFLEXES) (HEARING)

T

\*Country : USSR  
Category: Human and Animal Physiology. Nervous System.  
Higher Nervous Activity. Behavior.

Abs Jour: RZhBiol., No 19, 1958, 89241

Author : Avakyan, R.V.; Fel'berbaum, R...

Inst :  
Title : Investigation of the Function of the Auditory  
Analyzer in Hypnotic Deafness.

Orig Pub: Zh. vyssh. nervn. deyat-sti, 1957, 7, № 5,  
637-641

Abstract: A hypnotic trance was produced in a woman 47 years  
old and deafness was suggested for the posthypnotic  
period, at first with verbal actions, and later,  
after a series of associations, with only tactile  
stimulations. Under waking conditions, the sound

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T-111

Country : USSR

Category: Human and Animal Physiology. Nervous System.  
Higher Nervous Activity. Behavior.

Abs Jour: RZhBiol., No 19, 1958, 89241

threshold of 1000 hertz corresponded to 10-14 db, as determined by the conditioned blinking reflex, (CBR), by the oral response (OR) and by the reaction of the movement of the eyes. The differentiation of sound of 300 hertz by CBR took place following the third association. The conditioned motor reflex (CMR) to sound, 50 db above the threshold, was elaborated easily. Under conditions of posthypnotic deafness the CMR faded, the OR and the motion of the eyes took place only at intensities of sound of 85 db above the threshold. The CBR was re-established as the number of the associations increased, when

Card : 2/3

AVAKYAN, R. V., Cand of Med Sci -- (diss) "Investigation of the Activity of a Sound Analyzer of a Human With the Aid of Conditioned Reflexes," Leningrad, 1959, 15 pp (Institute of Physiology im Pavlov, Acad pf Sci USSR) (KL, 6-60, 125)

AVAKYAN, R.V.

Relation between conditioned winking and oral reactions used in  
measuring the sensitivity of the human auditory analyzer. Probl.  
fiziol. akust. 4:91-99 '59.  
(MIRA 13:5)

1. Laboratoriya fiziologii sluchchovogo analizatora Instituta fizio-  
logii imeni I.P. Pavlova AN SSSR, Leningrad.  
(AUDIOLOGY) (CONDITIONED RESPONSE)

AVAKYAN, R.V.

Studying the function of the acoustic analyser by means of winking  
conditioned reflexes under conditions of voluntary suppression of  
winking. Zhur. vys. nerv. deiat. 10 no. 1:25-31 Ja-F '60).  
(MIRA 14:2)

1. Laboratory of Physiology of Acoustic Analyzer, Pavlov Institute  
of Physiology, U.S.S.R. Academy of Sciences, Leningrad.  
(HEARING) (CONDITIONED RESPONSE)

AVAKYAN, R.V.

Measurement of differential thresholds according to intensity by  
means of blinking conditioned reflexes and verbal responses. Zhur.  
vys. nerv.deiat. 11 no.5:843-848 S-0 '61. (MIR 15:1)

1. Laboratory of the Physiology of the Auditory Analyser, Pavlov  
Institute of Physiology, U.S.S.R. Academy of Sciences, Leningrad.  
(CONDITIONED RESPONSE)

L 1 162-65	Po-1	ESD(gs)	ASD(a)-5/AMD/AFETR		
ACCESSION NR:	AF4042915			S/0298/64/017/006/0029/0034	
AUTHOR:	<u>Avekyan, R. V.</u>				
TITLE:	Pure tone differentiation limits in man under varying conditions of differentiation development with conditioned blinking reflexes <span style="float: right;">B</span>				
SOURCE:	AN ArMSSR. Izvestiya. Biologicheskiye nauki, v. 17, no. 6, 29-34, 1964				
TOPIC TAGS:	human, auditory analyzer, sensitivity, differentiation, conditioned reflex, tone				
ABSTRACT:	The present study was conducted to determine whether the process of developing fine differentiation of acoustic stimuli improves auditory analyzer sensitivity to stimuli as well as improving the time relationship between stimulus and reaction. Two series of experiments were carried out to find the conditions under which frequency and intensity limits of acoustic signals change in the process of developing fine differentiation with a conditioned reflex and conditioned oral replies. Thirty-seven experiments were				
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ACCESSION NR: AF4042915

conducted on 16 subjects. Each subject received sound signals, produced by a 3G-2A generator, through earphones. The sound signals (1,000 cps, 40 db, 1 sec duration) were reinforced with an air stream directed on the eye cornea to develop a conditioned reflex. Duration of the unconditioned stimulus was 0.2 sec. The blinking reflexes and oral replies of the subject were recorded simultaneously on an oscillosograph. After coarse differentiation was developed and stabilized, minimal differences of frequency and intensity changes detected by the subject were determined. The subject was exposed to reinforced signals (1,000 cps) and nonreinforced signals (starting from 995 cps and decreasing to 5 cps) in no special sequence. Findings show that in the process of developing coarse differentiation of frequency, the subject detects frequency changes of the positive signal only when they are 4 to 5 times higher than the differential threshold. Also, the subject does not distinguish between weak acoustic signals (4 to 11 db higher than the threshold) when the reaction is being developed only to intensity stimuli. Thus, in determining an absolute threshold, it appears necessary to gradually reduce the intensity of the reinforcing signal. The present study indicates that differentiation development is not the only condition

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ACCESSION NR: A1/042915

that increases auditory analyzer sensitivity. With the differential sensitivity value dependent on experimental conditions, the auditory system may be regarded as a system with variable characteristics. Finding the change limits of these characteristics and the effects of the changes require further investigation.  
Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: Laboratoriya Neurobioniki Instituta fizioligii im. L. A. Orbeli  
AN ArmSSR (Neurobionics Laboratory, Institute of Physiology, AN ArmSSR)

SUBMITTED:

ENCL: 00

SUB CODE: LS

NR REF Sov: 012

OTHER: 005

Card 3/3

AVAKYAN, R.Ye.

Using molybdenum disulfide in metal cutting. Sbor. nauch.  
trud. EPI 22:92-95 '64. (MIRA 18:12)

AVAKYAN, S., inzh.

Achievements of Krasnodar workers in the construction of a gas pipeline.  
Stroi. truboprov. 3 no.10:20-21 O '58. (MIRA 11:11)  
(Gas, Natural--Pipelines)

AVAKYAN, S., economist

Practice of the first Soviet companies. Prom.Arm. 6 no.1:44-48  
Ja '63. (MIRA 16:4)  
(Industrial management)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0

SHCHUCHINSKIY, L.G.; AVAKYAN, S.; KAYDANOVSKIY, L.

Magnetographic method of control of welded pipe joints. Zav.  
lab. 30 no.1:117 '64. (MIRA 17:9)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0"

AVAKYAN, S. A.

AVAKYAN, S. A. "A Review of the Fruit Tree Diseases in the Armenian SSR,"  
Mikrobiologicheskii Sbornik, Armianskoi Filial, Akademii NaukSSSR,  
no. 1, 1943, pp. 133-145 448.39 Ak12

SO: SIRA, SI 90-53, 15 Dec. 1953

AVAKYAN, S.A.

Root rot of vine crops in the Armenian S.S.R. Mikrobiol. stor. no.3:  
123-139 '49.  
(ARMENIA--VINE CROPS--DISEASES AND PESTS) (MLR 9:8)

TER-KARAPETYAN, M.A.; AVAKYAN, Sh.A.; ARUTYUNIAN, G.S.

*Effect of environmental conditions on the budding of Torulopsis  
armeniaca. Dokl. AN Arm. SSR 10 no.5:223-228 '49.*

(MLRA 9:10)

1. Chlen-korrespondent Akademii nauk Armysanskoy SSR (for Ter-Kara-  
petyan) 2. Institut zhivotnovodstva Akademii nauk Armysanskoy SSR,  
Ferevan. (Yeast)

1. AVAKYAN, S. A., TETEREVNIKOVA-BABAYAN, D. N.
2. USSR (600)
7. "Bacterial Rot of the Pericarps of the Onion in the Armenian SSR", Mikrobiol. Sbornik Akad. Nauk Arm. SSR (Microbiology Symposium of the Acad Sci Armenian SSR), No 5, 1950, pp 65-77.
9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952, pp 121-132. Unclassified.

1. AVAKYAN, S.A.
2. USSR (600)
7. "Bacterial Discoloration *[Turning Brown]* of Summer Squashes", Mikrobiolog. Sbornik Akademii Nauk Arm. SSR (Microbiology Symposium of the Acad Sci Armenian SSR), No 5, 1950, pp 91-99.
9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952, pp 121-132. Unclassified.

1. AVAKYAN, S. A.
2. USSR (600)
4. Bacteria, Phytopathogenic
7. Ways of spreading infection of summer squash bacteriosis caused by *Bacillus mesentericus*. *Mikrobiol.sbor.* no. 6, 1951
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

TER-KARAPETYAN, M.A.; AVAKYAN, Sh. A.

Effect of external environment on the size of yeast cells developing in aerobic metabolism. Doklady Akad. nauk SSSR 84 no. 4:809-812 1 June 1952.  
(CIML 25:4)

1. Presented by Academician A. I. Oparin 5 April 1952. 2. Institute of Animal Husbandry, Ministry of Agriculture Armenian SSR, Yerevan.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0

AVAKYAN, SH. A.

Dissertation: "Study of the Dynamics of Reproduction and Synthesis of Biological Substances in Yeast Organisms Under Conditions of Aerobic Metabolism" Cand Biol Sci, Yerevan Zooveterinary Inst, 14 Apr 54 (Kommunist, Yerevan, 1 Apr 54)

SO: SUM 243, 19 Oct 1954

\* SUM 284, 26 Nov 54

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0"

AVAKYAN, Sh.A.

TER-KARAPETYAN, M.A.; AZARYAN, E.Kh.; AVAKYAN, Sh.A.; ARUTYUNYAN, G.S.

Technological systems for manufacturing yeast in small installations  
from agricultural wastes. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 8  
no.1:45-56 Ja '55.  
(MLRA 9;8)

1. Institut zhivotnovodstva Ministerstva sel'skogo khozyaystva  
Arm. SSR.  
(Yeast) (Feeding and feeding stuffs)

*File*  
"The changes in nitrogenous and carbohydrate fractions of concentrated and coarse feed when treated with yeast."  
Sh. A. Avakyan, E. Kh. Azaryan, G. S. Arutyunyan, A. M. Ogandzashvilyan' and M. A. Ter-Karapetyan. Issledovaniya po sel'skoshosudarstvennoj i promyshlennoj chernozemovedenii. Nauk. Armjan. S.S.R., Biol. i Sel'skokhoz. Nauki 1, No. 6, 3-13 (in Russian, Armenian summary, 13-14) (1958).  
--Mixts. of bran and wheat straw treated with yeast culture in the lab. for 8 hrs. lost 8% of the dry wt. of the bran and 6% of the straw. The N added as  $(\text{NH}_4)_2\text{SO}_4$  is converted into org. N and finally into protein. J. S. Joffe

*AVAKYAN, S.A.*

Category : USSR / Plant Diseases. General Problems

N-1

Abs Jour : Ref Zhur - Biol., No 6, March 1957, № 22918

Author : Avakyan, S.A.

Title : New Plant-Hosts of Bacillus mesentericus.

Orig Pub : Izv. AN ArmSSR, Biol. i s.-kh. n., 1956, 9, No 7, 61-68

Abstract : New plant-hosts were discovered in Armenia of a bacterial stimulator of apricot browning (B. mesentericus vulgatus Flugge). The hosts are as follows: walnut, pear, quince, grape and watermelon. The disease symptoms, the properties of pure cultures, and the results of artificial infections are described. The similarity of morphological, biochemical and cultural properties of pure bacterial cultures, isolated from pear, quince and watermelon with properties of B. mesentericus makes it possible to consider them as a biological race of the latter. The results of artificial cross-infections showed that for each stimulator of bacterial browning in apricots, summer squash, peaches and pears, there exists a basic and subsidiary range of plant-hosts. To the secondary hosts belong quince, grape and watermelon. The stimulators of bacterial browning of apricots and summer squash are in the

Card : 1/2

Category : USSR / Plant Diseases. General Problems

N-1

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22918

highest degree adapted to the host-plant; the cultures isolated from quince, grape and watermelon, to the lowest degree.

Card : 2/2

USSR/Microbiology - General Microbiology

F-1

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81409

Author : Ter-karapetyan, M.A., Ogandzhanyan, A.M.,  
Avakyan, Sh. A.

Inst : -

Title : Some Properties of Oxidative Decomposition and  
Aerobic Assimilation of Acetic Acid by Yeasts.

Orig Pub: Dokl. AN ArmSSR, 1956, 23, No. 3, 125-132

Abstract: Candida cells cultivated on a medium with 1% xylose were transferred to a medium with acetic acid without preliminary adaptation. For 9-12 hours the investigated organism assimilates up to 96% of the acetic acid in the medium (initial concentration 0.8%) and synthesizes biomass to 43.4% of the assimilated acetic acid. The oxidative decomposition of acetic acid is

Card 1/2

AVAKYAN, S. A.

Causative agent of the root rot in vine crops as a producer of gibberellinlike substances. Izv. AN Arm. SSR. Biol. nauki 15 no.4:37-48 Ap '62. (MIRA 15:7)

1. Institut mikrobiologii AN Armyanskoy SSR.

(GIBBERELLIN) (VINE CROPS--DISEASES AND PESTS)  
(FUSARIUM BULBIGENUM)

AVAKYAN, S.A.; AGABEKYAN, R.S.; MUSHEGYAN, A.V.

Preparation of chelate complexes of manganese and cobalt chlorides.  
Dokl. AN Arm. SSR 40 no.2:107-108 '65.

1. Yerevanskiy gosudarstvennyy universitet. Submitted March 10, 1964.  
(MIRA 18:5)

AVAKYAN, S.A.

Paths of the infection of peach trees with dieback caused by the fungus *Dothiorella Stromatica* in association with *Bacterium dissolvens*. Vop.mikrobiol. no.1:53-69 '61.

Control measures against the infection dieback of peach trees caused by the fungus *Dothiorella Stromatica* in association with *Bacterium dissolvens* in the Armenian S.S.R. Dvig. 871-83.

(MIRA 17:10)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0

AVAKYAN, S.A.; SAYADYAN, N.M.

Effect of some factors of the ambient medium on phvtopathogenic  
forms of *Bac. mesentericus*. Vop. mikrobiol. no.2:261-278 '64.  
(MIRA 18:3)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0"

AVAKYAN, S.N.; KARAPETYAN, R.A.

Complex compounds of chromium and manganese with  
1-dimethylamino-2-butyne. Izv. AN Arm.SSR. Khim.nauki 18 no.1:15-17  
'65. (MIRA 18:5)

1. Yerevanskiy gosudarstvennyy universitet, kafedra neorganicheskoy  
khimii.

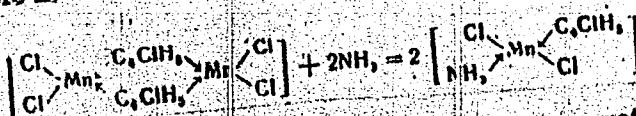
<u>L 57497-65</u>	<u>WT(m)/EPF(g)/T/EWP(j)</u>	<u>Pc-4/Px-4</u>	<u>RM</u>	
<u>ACCESSION NR: AP6016646</u>		<u>UR/0171/68/018/002/0158/0160 541.49 + 546.712 + 546.742</u>		
<p><u>AUTHOR:</u> Avakyan, S.N.; Karapetyan, R.A.</p> <p><u>TITLE:</u> Coordination compounds of 2-chloro-1,3-butadiene with manganese and nickelous chloride</p> <p><u>SOURCE:</u> AN ArmSSR. Izvestiya, Khimicheskiye nauki, v. 18, no. 2, 1965. 158-160</p> <p><u>TOPIC TAGS:</u> complex compound, manganese complex, nickel complex, coordination compound, chlorobutadiene</p> <p><u>ABSTRACT:</u> The complex compound <math>2\text{NiCl}_2 \cdot \text{C}_4\text{ClH}_5</math> was prepared from <math>\text{NiCl}_2</math> and 2-chloro-1,3-butadiene in the form of fine yellow crystals insoluble in organic solvents but soluble in water. The compound <math>2\text{NiCl}_2 \cdot \text{C}_4\text{ClH}_5 \cdot 6\text{C}_5\text{H}_5\text{N}</math> was obtained from <math>2\text{NiCl}_2 \cdot \text{C}_4\text{ClH}_5</math> and pyridine (considerable heat was evolved) in the form of fine pale-green crystals sparingly soluble in organic solvents; its structure is represented as follows:</p>				
$\left[ \begin{array}{c} \text{C}_2\text{H}_5\text{N} & & \text{C}_2\text{H}_5\text{N} \\   & &   \\ \text{Cl} & -\text{Ni}- & \text{Cl} \\   & &   \\ \text{C}_2\text{H}_5\text{N} & & \text{C}_2\text{H}_5\text{N} \\   & &   \\ \text{C}_2\text{H}_5\text{N} & & \text{C}_2\text{H}_5\text{N} \end{array} \right]$				

Card 1/3

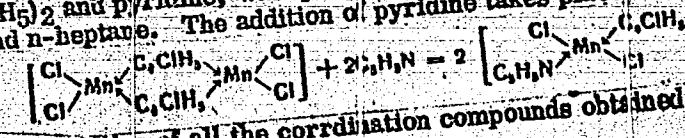
I-57477-63

ACCESSION NR.: AP5015846

The compound  $MnCl_2 \cdot C_4ClH_5 \cdot NH_3$  was synthesized from  $(MnCl_2 \cdot C_4ClH_5)_2$  and gaseous ammonia (exothermic reaction); it was a brown, finely crystalline substance sparingly soluble in water, alcohol, and acetone. The reaction is represented as follows:



Finally, the compound  $MnCl_2 \cdot C_4ClH_5 \cdot C_5H_5N$ , formed by an exothermic reaction between  $(MnCl_2 \cdot C_4ClH_5)_2$  and pyridine, was quite soluble in alcohol and insoluble in chloroform,  $CCl_4$ , and n-heptane. The addition of pyridine takes place as follows:



Physicochemical characteristics of all the coordination compounds obtained are given.  
Orig. art. has: 3 formulas.

Card 2/3

L 57497-65  
ACCESSION NR: AP5016B46

ASSOCIATION: Kafedra neorganicheskoy khimii, Yerevanskiy gosudarstvennyy  
universitet (Department of Inorganic Chemistry, Yerevan State University)

SUBMITTED: 14May84

ENCL: 00

SUB CODE: IC

NO REF SOV: 003

OTHER: 000

J0  
Card 3/1

AVAKYAI , S.A.

Inhibiting property of *Fusarium bulbigerum* Oka et Naga (E. M.) Kr.  
producer of gibberellinlike substances. Izv. AN Armyanskay SSR, Biol.  
nauki 18 no.5:63-71 My '65. (MIA 18:7)

1. Institut mikrobiologii AN Armyanskay SSR.

53614-65	EWI(n)/EWP(j)/T/EWP(t)/EWP(b)	Pt-4/Pad	IJP(s)	JD/HW/RM
ACCESSION NR.	AF5011084	UR/0252/65/040/002/0107/0108		
AUTHORS:	Avalyan, S. A.; Agabekyan, R. S.; Mushegyan, A. V.			
TITLE:	Producing chelating complexes of manganese and cobalt chlorides			
SOURCE:	AN ArmSSR. Doklady, v. 40, no. 2, 1965, 107-108			
TOPIC TAGS:	chelate, manganese, cobalt, chloride, polymerization, organo metallic compound			
ABSTRACT:	No one has heretofore described complexing combinations of divalent Mn and Co with aminogallene bonds; such complexes have found great practical use in trace-element fertilizers. The authors have sought to obtain new Mn and Co chloride compounds in this group. Aminogallene in slight excess was added to pure dry metallic chloride during active stirring. The mixture was then heated to 70°C, allowing complexing to take place. The reaction products were then washed in alcohol and dried at 50°C. The complexing may be represented thus:			
	$\text{MeCl}_2 + \text{CH}_2 = \text{C} = \text{CH} - \text{CH}_2 - \text{NHC}_6\text{H}_4 - \text{MeCl}_2 \cdot \text{C}_{10}\text{H}_{11}\text{N}$ where $\text{Me} = \text{Co}^{2+}, \text{Mn}^{2+}$			
	The physical constants of the reaction products are tabulated. These products are completely stable under ordinary conditions, dissolve with difficulty in water, are			
CARD 1/2				

L 53814-65 ACCESSION NR: AP5011084				
insoluble in methanol, benzene, and n-heptane, and are stable and insoluble in alkaline solutions. They dissolve readily in mineral and organic acids. Comparisons of IR spectra show that the valence vibrations of the allene bond and the amino group are considerably displaced, attesting to extensive reconstruction of the allene and amino grouping during formation of the complexing compound. Chemical and spectral data confirm the view that cyclic polymerization takes place at the expense of the allene bond and the amino groups of the organic bond. Orig. art. has: 1 table and 2 formulas.				
ASSOCIATION: Yerevanskiy gosudarstvennyy universitet (Yerevan State University)				
SUBMITTED: OO		ENCL: OO	SUB CODE: OC, GC	
NO REF Sov: OO		OTHER: OO		
<i>Am</i> Card 2/2				

USSR/Microbiology. Hemoglobinophilic Bacteria. Brucellae

F-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62473

Author : Avakyan Shch. L.

Inst : Republican Clinical Hospital, AruSSR

Title : On the Diagnosis of a Strongly Septic Form of Brucellosis.

Orig Pub : Sb. nauchn. tr. Resp. Klinich. bcl'nitsy AruSSR, 1957, 1,  
49-54

Abstract : No abstract

Card : 1/1

47

ZIMONYAN, A.T.; AVAKYAN, Sh.L.; MELIK-ADAMYAN, A.A.; TER-ZAKHARYAN, Z.A.

Therapeutic action of fubromegan in peptic ulcer. Zhur. eksp.  
i klin. med. 3 no.4:7-11'63 (MIRA 16:12)

1. Kafedra gospital'noy terapii Yerevanskogo meditsinskogo  
instituta.

USSR/Diseases of Farm Animals. Diseases Caused by Viruses R  
and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40611.

Author : Stepanyan, G.G., Avakyan, S. L.

Inst :

Title : Treatment of Post Foot-and-Mouth Disease Complications with Gastric Juices of Dogs.

Orig Pub: Veterinariya, 1957, No 7, 45-47.

Abstract: Natural gastric juices of dogs were used in treating animals suffering from post foot-and-mouth disease complications affecting their extremities. The affected areas were first sprayed with pure gastric juice three times a day and then with gastric juice diluted with water in the relationship of 1:12. Bandages were put on following this treat-

Card : 1/2

USSR/Diseases of Farm Animals. Diseases Caused by Viruses  
and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 406-11.

ment. Compared to tar which was used in treating control animals, gastric juice shortened the course of the treatment severalfold and secured better therapeutic results.

Card : 2/2

7

MEGRABYAN, A.A., prof.; AVAKYAN, S.L.; ARUTYUNYAN, R.K.

Electroencephalographic characteristics of visual after-images in  
some mental diseases. Trudy Erev.med.inst. no.11:373-381 '60.

(MIRA 15:11)

1. Iz kafedry psichiatrii (zav. kafedroy - prof. A.A.Megrabyan)  
Yerevanskogo meditsinskogo instituta.  
(AFTER-IMAGES) (MENTAL ILLNESS) (ELECTROENCEPHALOGRAPHY)

MEGRABYAN, A.A.; ARUTYUNIAN, R.K.; AVAKYAN, S.I.

Electrophysiological data on the disorder of the clarity of consciousness in epilepsy and symptomatic spasms. Zhur. eksp. i klin. med. 4 no.2:47-54 '64. (MIRA 17:8)

1. Armyanskaya respublikanskaya psichho-nevrologicheskaya klinika.

AVAKYAN, Sh.L., dotsent

Diagnosis and treatment of brucellosis. Trudy Erev.med.inst.  
no.11:281-285 '60. (MIRA 15:11)

1. Iz gospital'noy terapeuticheskoy kafedry (zav. kafedroy - prof.  
A.T.Simonyan) Yerevanskogo meditsinskogo instituta.  
(BRUCELLOSIS)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0

STEPANYAN, G.G.; AYRIYAN, S.I.

Periodic activity of a gastric pouch, isolated by the Pavlov method,  
during periods of fasting. Izv. AN Arm. SSR. Biol. nauki 13 no.4:3-  
7 Ap '60. (MIRA 18)

L. Kafedra fiziology Yerevanskogo zooveterinrnogo instituta.  
(STOMACH-MOTILITY)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0"

AVAKYAN, S.L.

Visual trace phenomena in the brain. Izv. AN Arm. SSR. Biol. nauki  
13 no.12:69-74 D '60. (MIRA 13:12)

(AFTERIMAGES) (BRAIN)  
(ALCOHOL-PHYSIOLOGICAL EFFECT)

AVAKYAN, S. M.

Cases of malignant tumors of laryngological organs in children and young adults.  
Vest. oto-rin. 14, no. 4, 1952.

SO: MLRA, November 1952.

AVAKYAN, S.M.

Incomplete blindness due to chronic suppurative maxillary sinusitis.  
Vest.oto-rin. 16 no.1:78 Ja-F '54. (MIRA 7:3)

1. Iz kliniki bolezney ukha, gorla i nosa (zaveduyushchiy -  
professor A.A.Arutyunov) Yerevanskogo meditsinskogo instituta.  
(Blindness) (Nose, Accessory sinuses of--Diseases)

AVAKYAN, S.M.; ASLANYAN, I.L.; MURADYAN, A.R.

Effect of lavage of tonsillar lacunae on blood protein fractions  
and leucocytes. Zhur. eksp. i klin. med. 5 no.3:65-69 '65.  
(MIRA 19:1)

AVAKYAN, S. N.

Inorganic Chemistry

Dissertation: "Investigation of Pyridine and Aniline Complexes of Compounds of Cadmium Halides." Cand Chem Sci, Inst of General And Inorganic Chemistry, Acad Sci USSR; Yerevan State U Moscow, 1953.  
(Referativnyy Zhurnal--Khimiya, Moscow, No 3, Feb 54)

SO: SUM 213, 20 Sept 1954

KUMARAN, S. M.		<p><b>✓Thermal study of dipyridines and related compounds.</b></p> <p>KUMARAN, S. M., KUMARAN, N. S., and KUMARAN, V. V. <i>J. Indian Chem. Soc.</i>, 1961, 38, 537 (1961).—A thermal study of <math>C_6H_5N</math> (I) (<math>N</math>, 1.740, <math>N_c</math>, 1.619 (<math>N_c \approx N_s</math>, 1.628)), and <math>C_6H_5N</math> (<math>N</math>, 1.71, <math>N_c</math>, 1.69) was made. Effects at <math>230^\circ</math>, <math>337^\circ</math>, and <math>370^\circ</math> involves the loss of a mole of pyridine. This corresponds to <math>C_6H_5Cl</math>. The remaining residue treated with pyridine regains its original mass (stochiometric proportion). Pyridine is regenerated from I, yielding pure pyridine, yielding <math>C_6H_5Cl</math>. The other 2 effects also involve a loss of pyridine, but again not in a stoichiometric proportion. III shows a sharp peak at <math>230^\circ</math>; this is not connected with loss of pyridine, but by polymorphism; the effect is connected with evolution of some pyridine; above <math>337^\circ</math> no longer loses pyridine, which takes place at <math>230^\circ</math>-<math>337^\circ</math>.</p>	<p><b>Complex compounds of <math>C_6H_5N</math>.</b></p> <p>KUMARAN, S. M., KUMARAN, N. S., and KUMARAN, V. V. <i>J. Indian Chem. Soc.</i>, 1961, 38, 537 (1961).—A thermal study of <math>C_6H_5N</math> (<math>N</math>, 1.740, <math>N_c</math>, 1.619 (<math>N_c \approx N_s</math>, 1.628)), and <math>C_6H_5N</math> (<math>N</math>, 1.71, <math>N_c</math>, 1.69) was made. Effects at <math>230^\circ</math>, <math>337^\circ</math>, and <math>370^\circ</math> involves the loss of a mole of pyridine. This corresponds to <math>C_6H_5Cl</math>. The remaining residue treated with pyridine regains its original mass (stochiometric proportion). Pyridine is regenerated from I, yielding pure pyridine, yielding <math>C_6H_5Cl</math>. The other 2 effects also involve a loss of pyridine, but again not in a stoichiometric proportion. III shows a sharp peak at <math>230^\circ</math>; this is not connected with loss of pyridine, but by polymorphism; the effect is connected with evolution of some pyridine; above <math>337^\circ</math> no longer loses pyridine, which takes place at <math>230^\circ</math>-<math>337^\circ</math>.</p>		
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AVAKYAN, S.N.

Urea complexes with cadmium chloride and bromide [in Armenian with  
summary in Russian] Nauch.trudy Brev.un.no.53:137-144 '56.  
yerevanian. (MLRA 9:10)

1.Kafedra neorganicheskoy khimii.  
(Urea) (Cadmium halides)

AVAKYAN, S.N.; MANUKYAN, A.A.

Dicyanodiamide complexes of cadmium chloride and bromide [in Armenian, with summary in Russian]. Nauch. trudy Erev. un. 60: 109-116 '57. (MIRA 11:8)

1. Kafedra neorganicheskoy khimii Yerevanskogo gosudarstvennogo universiteta.  
(Cadmium chloride) (Cadmium bromide) (Complex compounds)

LEBEDINSKIY, V.V. [deceased]; AVAKYAN, S.N.

Preparation and properties of monopyridine complexes of cadmium  
halides. Izv.AN Arm.SSR.Khim.nauki. 11 no.5:321-325 '58.  
(MIFI 12:1)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova  
AN SSSR i Yerevanskiy gosudarstvennyy universitet.  
(Cadmium halides) (Pyridine)

AVAKYAN, S.N.

Some physicochemical properties of cadmium dipyridine chloride  
and cadmium dianiline chloride. Izv. AN Arm. SSR Khim. nauki 13  
no.2/3:107-109 '60. (MIRA 13:10)

1. Yerevanskij gosudarstvennyy universitet, Kafedra neorganicheskoy  
khimii.  
(Cadmium compounds)

AVAKYAN, S.N.; EMINIAN, R.S.

Complex compounds of manganese and nickel chlorides with  
dicyanamide. Izv. AN Arm.SSR. Khim. nauki 16 no.1:13-17 '63  
(MIRA 17:8)

1. Yerevanskiy gosudarstvennyy universitet, kafedra neorga-  
nicheskoy khimii.

AVAKYAN, S.N.; KARAFETIAN, R.A.; EMINIAN, R.S.

(Obtaining aminoacetylenic complex compounds of the chlorides  
of nickel and cobalt. Izv. Akad. Nauk. Arm. SSR. Khim. nauki 16 no. 2 p125-  
129 '63 (MIRA 17:8)

L. Yerevanskij gosudarstvennyj universitet, Kafedra neorganicheskoy khimii.

AVAKYAN, S.N.

Production of mixed diamine compounds of cadmium chloride. Izv.  
AN Arm.SSR., Khim.nauki. 16 no.3:205-210 '63. (MIRA 17:2)

1. Yerevanskiy gosudarstvennyy universitet, kafedra neorganicheskoy  
khimii.

AVAKYAN, S.N.; KARAPETYAN, R.A.

Complex compounds of chromium and iron with l-dimethylamino-  
5-methyl-2,3-hexadien-5-ol. Izv. AN Arm. SSR. Khim. N 16  
no.6:535-538 '63 (M. 17:8)

1. Yerevanskiy gosudarstvennyy universitet, kafedra neorgani-  
cheskoy khimii.

AVAKYAN, S.N.; ZAKARYAN, R.A.

Complex compounds of nickel and cobalt with 1-dimethylamino-5-methyl-2-hexyn-5-ol. Zhur. ob. khim. 33 no.10:3364-3366 O '63.  
(MIRA 16:11)

1. Yerevanskiy gosudarstvennyy universitet.

AVAKYAN, S.N.; MAMIKONIAN, R.

Production of aminoacids and synthesis of nucleic acid  
enzymes. Plur. no. 4. N. 1981-1805 A.  
(MIRA 17:12  
161.

1. Yerevanskiy gosudarstvenny universitet; Vifederalnoorganiz-  
cheskoy khimii.

AVAKYAN, S.N.; KARAPETYAN, R.A.

Complex compounds of copper sulfate with 2-chloro-1,3-butadiene.  
Zhur. neorg. khim. 10 no.7:1751-1753 Jl '65. (MIRA 18:8)

1. Kafedra neorganicheskij khimiij Jerevanskogo gosudarstvennogo  
universiteta.

AVAKYAN, S.N.

Complexes of chromium and iron chlorides with 1-dimethylamino-  
5-methyl-2-hexyn-5-ol. Zhur. ob. khim. 35 no.5:934 My '65.  
(MIRA 18:6)

1. Yerevanskiy gosudarstvennyy universitet.

AVAKYAN, S.N.; KARAPETYAN, R.A.; VOSKERCHYAN, S.V.

Complex copper and zinc compounds with dimethylamino-2-butyne.  
Zhur. ob. khim. 35 no.7:1194-1197 J1 '65. (MIRA 18:8)

1. Yerevanskiy gosudarstvennyy universitet.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0

AVAKYAN, G.N. MARSHTYAN, R.A.

Cobalt and copper compounds with 2-chloro-1,3-butadiene.  
Zhur. ob. khim. 35 no.9:1680-1682 S '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000102520010-0"

AVAKYAN, S.N.; KARAPETYAN, R.A.

Complex compounds of copper and manganese with 2-chloro-1,3-butadiene. Dokl. AN Arm. SSR 40 no.1:31-35 '65.

1. Yerevanskiy gosudarstvennyy universitet. Submitted March 31, 1964. (MIRA 18:7)

AVAKYAN, S.N.; KARAPETYAN, R.A.

Coordination compounds of 2-chloro-1,3-butadiene with chlorides  
of bivalent manganese and nickel. Izv. AN Arm. SSR. Khim.  
nauki 18 no.2:158-160 '65. (MIRA 18:11)

1. Yerevanskiy gosudarstvennyy universitet, kafedra neorganicheskoy khimii. Submitted May 14, 1964.

DARBINYAN, M.V.; AVAKYAN, S.N.; APYAN, S.S.

Complex compounds of trivalent cerium with 1-dimethylamino-2-butyne.  
Izv. AN Arm.SSR. Khim. nauki 18 no. 2:214-215 '65. (MIRA 18:11)

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